

10/586463

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
11 August 2005 (11.08.2005)

PCT

(10) International Publication Number  
**WO 2005/073350 A1**

(51) International Patent Classification<sup>7</sup>: C10L 5/36

(21) International Application Number:  
PCT/US2005/000954

(22) International Filing Date: 12 January 2005 (12.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10/766,219 28 January 2004 (28.01.2004) US  
60/590,151 22 July 2004 (22.07.2004) US

(71) Applicant (for all designated States except US):  
STEPHENS & COMPANY, LLC [US/US]; 5736  
Oak Mill Court, Glen Allen, VA 23059 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): STEPHENS, Michael,  
W. [US/US]; 5736 Oak Mill Court, Glen Allen, VA 23059  
(US).

(74) Agent: THOMAS, John, H.; John H. Thomas, P.C., 536  
Granite Avenue, Richmond, VA 23226 (US).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.



WO 2005/073350 A1

(54) Title: COMBUSTIBLE PRODUCT AND PACKAGE

(57) Abstract: A combustible product of various shapes and compositions efficiently and conveniently supplies heat, such as for outdoor cooking. The product includes a hollow cone of combustible material defining a substantially cone-shaped exterior, a substantially cone-shaped interior space, a large opening in the base of the cone and a small opening in the top of the cone creating a flue to facilitate ignition of the product and to allow individual products to be stacked upon each other for larger heating requirements or for efficient storage before use. The product may be a single integral piece of combustible material, a plurality of combustible pieces secured to each other to form the cone shape, or a plurality of combustible pieces arranged into a cone shape through means of combustible packaging.